

PARCC HW Quiz # 3

1. Mr. Jackson is saving money to go on a trip. Last month, he saved \$21 each week for 4 weeks. This month, he saved 3 times as much money as he saved last month. How much money did Mr. Jackson save this month?

A. \$63

C. \$252

B. \$168

D. \$336

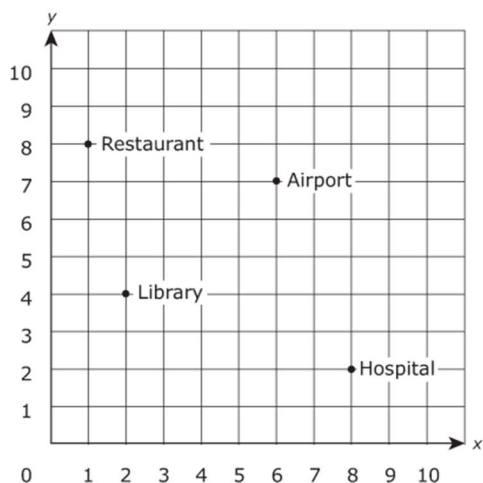
2. Which equation has the same sum as $5 + 7 + 3 = ?$

A. $5 + 10 = ?$

C. $5 + 3 = ?$

B. $5 + 7 = ?$

4. The coordinate grid shows the locations of four buildings in a town. The school, located at $(2, 7)$ on the grid, is not shown. Which building is closest to the school?



- A. Airport
B. Hospital
C. Library
D. Restaurant

5. All parallelograms have four sides. Which of these mathematical names can also be used to name all parallelograms?

A. pentagons

C. rectangles

B. quadrilaterals

D. squares

6. The traffic signs shown are represented by different mathematical shapes.



Which lists the names of these shapes in the correct order from left to right?

A. rectangle, square, hexagon, octagon

C. rhombus, square, pentagon, hexagon

B. square, rectangle, triangle, hexagon

D. square, rectangle, pentagon, octagon

7. A runner training for a race ran 5 miles on day 1.

- On day 2, she ran 3 miles more than on day 1.
- On day 3, she doubled the distance run on day 2.

Which expression represents the distance run on day 3?

A. $2 \times (5 + 3)$

C. $2 \times 5 + 3$

B. $3 \times (5 + 2)$

D. $3 + 5 \times 2$

8. A school had two boxes of paintbrushes to use in art classes. One box contained 828 paintbrushes, the other 864 paintbrushes. The school combined the paintbrushes from both boxes and then divided them equally among the 18 art classes.

Part A Write a numerical expression for the calculation used to determine how many paintbrushes went to each art class.

Part B Evaluate the expression you wrote in Part A. How many paintbrushes went to each art class? Show or explain your work.